



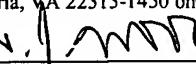
Confirmation No.: 2007
Due Date: March 10, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William P. Van Antwerp Examiner: Not Yet Assigned
Serial No.: 10/616,784 Group Art Unit: 1653
Filed: July 10, 2003 Docket: G&C 130.62-US-01
Title: METHODS AND COMPOSITIONS FOR THE INHIBITION OF BIOFILMS ON MEDICAL DEVICES

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 8, 2004.

By: 
Name: William J. Wood

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- Information Disclosure Statement and Form PTO-1449.
- Cited Reference(s).
- Return postcard.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: 
Name: William J. Wood
Reg. No.: 42,236
WJW/jml

(PTO TRANSMITTAL - GENERAL)

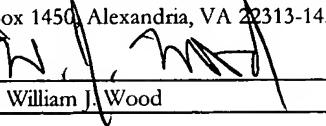


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INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, the Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

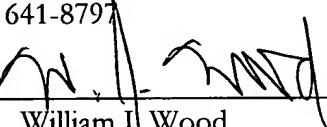
Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant

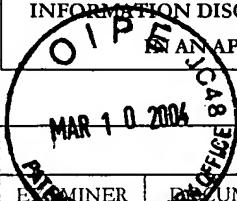
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: March 8, 2004

WJW/jml

By: 
William J. Wood
Reg. No.: 42,236

Form 1449*	Docket Number: G&C 130.62-US-01	Application Number: 10/616,784
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Applicant: William P. Van Antwerp	
	Filing Date: July 10, 2003	Group Art Unit: 1653



U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Aitchison, E.J., et al., "Antigenic composition of an endocarditis-associated isolate of <i>Streptococcus faecalis</i> and identification of its glycoprotein antigens by ligand blotting lectins" <i>J. Med. Microbiol.</i> , Vol. 21, pp.161-167, 1986.
		Akiyama, H., et al., "Confocal laser microscopic observation of glycocalyx production by <i>Staphylococcus aureus</i> in vitro" <i>J. of Dermatological Science</i> , (29), pp. 54-61, 2002.
		Archibald, A., et al., "The Interaction of Concanavalin A with Teichoic Acids and Bacterial Walls" <i>Biochem. J.</i> , (123), pp.665-667, 1971.
		Cisar, J., et al., "Lectin recognition of host-like saccharide motifs in streptococcal cell wall polysaccharides" <i>Glycobiology</i> , Vol. 5, No. 7, pp. 655-662, 1995.
		Costerton, J., et al., "How Bacteria Stick" <i>Scientific American</i> , (238), pp. 86-95, January 1978
		Coutino-Rodriguez, R., et al., "Lectins in Fruits Having Gastrointestinal Activity: Their Participation in the Hemagglutinating Property of <i>Escherichia coli</i> 0157:H7" <i>Archives of Medical Research</i> , (32), pp. 251-257, 2001.
		Donlan, R., "Biofilms: Microbial Life on Surfaces" <i>Emerg Infect Dis.</i> 8(9), pp. 881-890, September 2002.
		Francoeur, S., et al., "New Spatially Explicit Method for Detecting Extracellular Protease Activity in Biofilms" <i>Appl. Environ. Microbiol.</i> , Vol. 67, No. 9, pp. 4329-4334, September 2001.
		Inbar, J., et al., "Lectins and Biocontrol" <i>Critical Reviews in Biotechnology</i> , Vol. 17, (1), pp.1-20, 1997.
		Johnsen, A., et al., "Evaluation of Fluorescently Labeled Lectins for Noninvasive Localization of Extracellular Polymeric Substances in <i>Sphingomonas</i> biofilms" <i>Appl. Environ. Microbiol.</i> , Vol. 66, No. 8, pp. 3487-3491, August 2000.
		Leriche, V., et al., "Use of an Enzyme-Linked Lectinsorbent Assay To Monitor the Shift in Polysaccharide Composition in Bacterial Biofilms" <i>Appl. Environ. Microbiol.</i> , Vol 66, No. 5, pp. 1851-1856, May 2000.
		Mladenov, I., et al., "Charcterisation of 20-kDa lectin-spermagglutinin from <i>Arum maculatum</i> that prevents <i>Chlamydia pneumoniae</i> infection of L-929 fibroblast cells" <i>FEMS Immunol. Med. Microbiol.</i> , 32 (3), pp. 249-254, 2002.
		Neu, T., et al., "Assessment of lectin-binding analysis for in situ detection of glycoconjugates in biofilm systems" <i>Microbiology</i> , (147), pp. 299-313, 2001.

EXAMINER: _____ **DATE CONSIDERED:** _____
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Form 1449*		Docket Number: G&C 130.62-US-01	Application Number: 10/616,784
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		Applicant: William P. Van Antwerp	
		Filing Date: July 10, 2003	Group Art Unit: 1653

		Strathmann, M., et al., "Application of fluorescently labelled lectins for the visualization and biochemical characterization of polysaccharides in biofilms of <i>Pseudomonas aeruginosa</i> " J. of Microbiol. Methods, (50), pp. 237-248, 2002.
		Vyas, S., et al., "Preparation, characterization and in vitro antimicrobial activity of metro-nidazole bearing lectinized liposomes for intra-periodontal pocket delivery" Pharmazie, 56 (7), pp. 554-560, July 2001.
		Weis, W., et al. "Structural Basis of Lectin-Carbohydrate Recognition", Annu. Rev. Biochem. (65) pp. 441-473, 1996.



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